

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOGS ELECTRIC LOGS

FILE ☒ WATER SANDS LOCATION INSP

SUB REPORT ADD

DATE FILED MARCH 23, 1994

LAND FEE &amp; PATENTED

STATE LEASE NO

PUBLIC LEASE NO

U-72109

INDIAN

DRILLING APPROVED

APRIL 28, 1994

SPUDDED IN

COMPLETED

PUT TO PRODUCING

INITIAL PRODUCTION

GRAVITY API

GOR

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION

DATE ABANDONED

Location Abandoned Per BLM Effective 10/25/95

FIELD

COYOTE BASIN FIELD

UNIT

NA

COUNTY

UINTAH

WELL NO

EAST COYOTE FEDERAL #11-4-8-25

API NO. 43-047-32492

LOCATION

1980' FSL FT FROM (N) (S) LINE

1980' FWL

FT FROM (E) (W) LINE

NE SW

1/4 - 1/4 SEC

4

TWP

RGE

SEC

OPERATOR

TWP

RGE

SEC

OPERATOR

8S

25E

4

CHANDLER &amp; ASSOC INC.

CONFIDENTIAL  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK  
DRILL ☒ DEEPEN ☐

2. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

3. NAME OF OPERATOR  
Chandler & Associates, Inc.

4. ADDRESS AND TELEPHONE NO.  
555 Seventeenth Street (303)295-0400  
Anaconda Tower, Suite 1850 Denver, Colorado 80202

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
1980' FSL 1980' FWL (NE 1/4 SW 1/4)  
At proposed prod. zone  
Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
See Topo Map "A"

7. DISTANCE FROM PROPOSER'S LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)  
660'

8. NO. OF ACRES IN LEASE  
160

9. NO. OF ACRES ASSIGNED TO THIS WELL  
40

10. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLYING FOR, ON THIS LEASE, FT.  
2000' ±

11. PROPOSED DEPTH  
4461'

12. ROTARY OR CABLE TOOLS  
Rotary

13. ELEVATIONS (Show whether DP, RT, GR, etc.)  
5498 GR.

14. APPROX. DATE WORK WILL START\*  
A.S.A.P.

1. LEASE DESIGNATION AND SERIAL NO.  
U-72109

2. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

3. UNIT ASSIGNMENT NAME  
N/A

4. FARM OR LEASE NAME, WELL NO.  
East Coyote Federal

5. AP WELL NO.  
#11-4-8-25

6. FIELD AND POOL, OR WILDCAT  
East Coyote Federal

7. SEC., T., R., M., OR BLK., AND SURVEY OR AREA  
Sec. 4, T8S, R25E

8. COUNTY OR PARISH  
Uintah

9. STATE  
Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	350'	(see attached drilling plan)
7 7/8"	5 1/2"	15.5#	4461'	(see attached drilling plan)

1. M.I.R.U.
2. Drill to T.D. 4461'
3. Run 5 1/2" casing if commercial production is indicated
4. If dry hole, well will be plugged and abandoned as instructed by B.L.M.
5. Well will be drilled with fresh water to 3900' then chem gel mud to T.D. mud will be in place to run 5 1/2" casing.

I hereby certify that I am responsible by the terms and conditions of the lease to conduct lease operations. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Chandler & Associates, Inc., B.L.M. Bond #2396118, with Richard Silversmith.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

SIGNED Todd McDonald TITLE Petroleum Engineer DATE 3-21-94

(This space for Federal or State office use)

PERMIT NO. 43-047-32492

APPROVAL DATE 3-28-94

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in its subject lands which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

BY: T.M. McDonald  
WELL SPACING: 129-1

APPROVED BY T.M. McDonald TITLE Petroleum Engineer DATE 3-22-94

\*See Instructions On Reverse Side

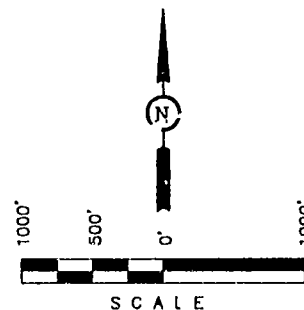
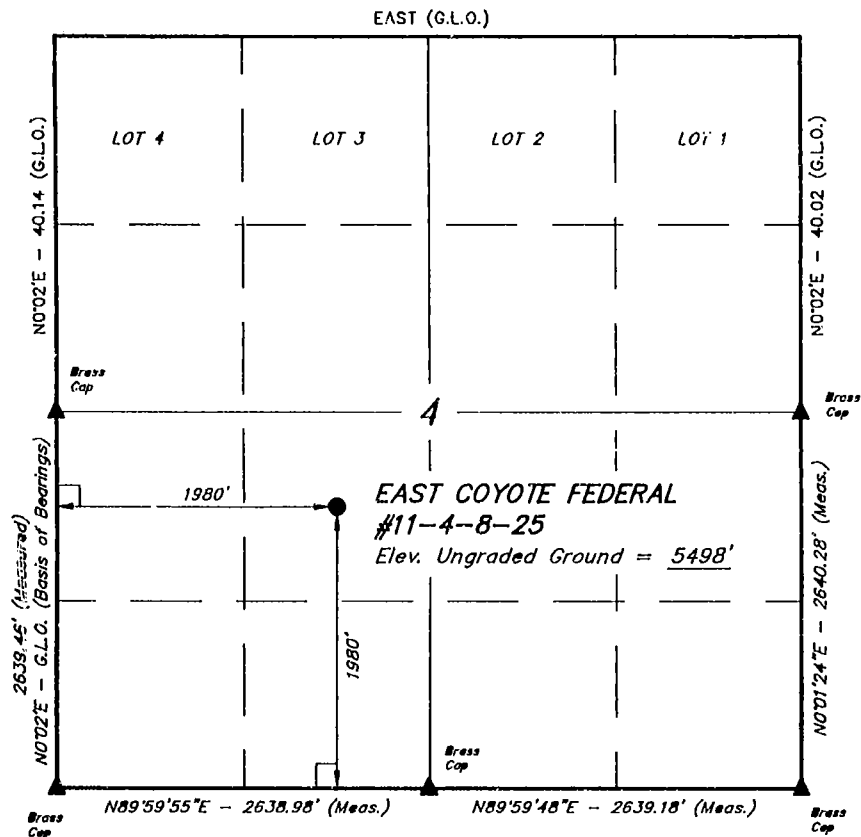
**T8S, R25E, S.L.B.&M.**

**CHANDLER & ASSOCIATES, INC.**

Well Location, EAST COYOTE FEDERAL  
#11-4-8-25, located as shown in the  
NE 1/4 SW 1/4 of Section 4, T8S, R25E,  
S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION  
4, T8S, R25E, S.L.B.&M. TAKEN FROM THE DINOSAUR  
QUADRANGLE, UTAH-COLORADO, 7.5 MINUTE QUAD.  
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES  
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.  
SAID ELEVATION IS MARKED AS BEING 5509 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 8709  
STATE OF UTAH

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

**UINTAH ENGINEERING & LAND SURVEYING**

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 3-10-94	DATE DRAWN: 3-14-94
PARTY L.D.T. D.A. J.F. T.D.H.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE CHANDLER & ASSOCIATES, INC.	

**CHANDLER & ASSOCIATES, INC.**  
**DRILLING PLAN FOR THE**  
**EAST COYOTE FEDERAL #11-4-8-25**

**I. DRILLING PLAN:**

1. Geological Surface Formation: Uintah

2. Estimated Tops:

<u>Name</u>	<u>Top</u>	<u>Prod. Phase Anticipated</u>
Green River	1535'	
X Marker	3180'	
Y Marker	3595'	
Z Marker	3951'	
Oil Zone	4136'	Oil
Wasatch	4337'	
TD	4461'	

3. CASING PROGRAM:

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg. Size</u>	<u>Type</u>	<u>Weight</u>
Surface	350'	12-1/4"	8-5/8"	K-55	24#/ft
Prod.	4461'	7-7/8"	5-1/2"	K-55	15.5#/ft

4. Operator's Specificat.on for Pressure Control Equipment:

- A. 2,000 psi W.P. Double Gate BOP or Single Gate BOP (Schematic attached).
- B. Functional test daily.
- C. All casing strings shall be pressure-tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. All ram-type preventers and related control equipment shall be tested at the rated working pressure of the stack assembly or at 70 percent of the minimum internal yield pressure of the casing, whichever is less. Tests shall be done at the time of installation, prior to drilling out, and weekly. All tests shall be for a period of 15 minutes.

**Chandler & Associates, Inc.**  
**East Coyote Federal #11-4-8-25**

5. Auxiliary Equipment:

- A. Kelly Cock - yes.
- B. Float at the bit - no.
- C. Monitoring equipment on the mud system - visually.
- D. Full opening safety valve on rig floor - yes.
- E. Rotating head - no. (\* yes - see below)
- F. The blooie line shall be a least 6" in diameter and extend at least 100' from the wellbore into the reserve/blooie pit. (\* see below)
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500'). (\* see below)
- H. Compressor shall be tied directly to the blooie line through a manifold. (\* see below)
- I. A mistor with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression. (\* see below)

6. Proposed Circulating Medium:

<u>Depth</u>	<u>Mud Type</u>	<u>Density (lb./gal)</u>	<u>Viscosity</u>	<u>Water Loss</u>
0'-350'	Fresh Water with LCM	8.4	30	No control
350'-3900'	Fresh Water with LCM	8.4 - 8.6	30-35	No control
3900'-TD	Chem Gel Mud	8.8	30-35	10 cc or less

\* Because of potential severe lost circulation in this area a portion of this hole may have to be drilled with aerated fluid and the blooie pit will be utilized.

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7. Testing, Logging, and Coring Program:

- A. Cores - None anticipated.
- B. DST - 1 anticipated.
- C. Logging - DIL-GR (TD to surface).  
CNL/Litho Density (base of surface to TD)  
Mud Logger (base of surface to TD)
- D. Formation and Completion Interval: Green River interval, final determination of completion will be made by analysis of logs.  
Stimulation - Stimulation will be designed for the particular area of interest as encountered.
- E. Frac gradient - approximately .80 psi/ft.

8. Cementing Program:

<u>Casing</u>	<u>Volume</u>	<u>Type &amp; Additives</u>
Surface	265 sx	Class "G" w/2% CaCl2 1/4#/sk cello seal (based on 100% access)
Production	630 sx *	330 sx Super "G" containing 47#/sk Class "G" plus 20#/sk Poz"A" plus 17#/sk CSE plus 3% salt plus 2% Gel followed by 300 sx Class "G" containing 0.15% WR-15 (Retarder)

Cement Characteristics:

Class "G" - yeild = 1.18 cu.ft. per. sack  
weight = 15.8 lb./gal  
strength = 3200 psi in 72 hrs @ 135 degrees  
Super "G" - yeild = 2.76 cu.ft. per. sack  
weight = 11.08 lb./gal  
strength = 630 psi in 72 hrs @ 135 degrees

\* Final cement volume to be calculated from caliper log with an attempt to be made to circulate cement to surface.

**Chandler & Associates, Inc.**  
**East Coyote Federal #11-4-8-25**

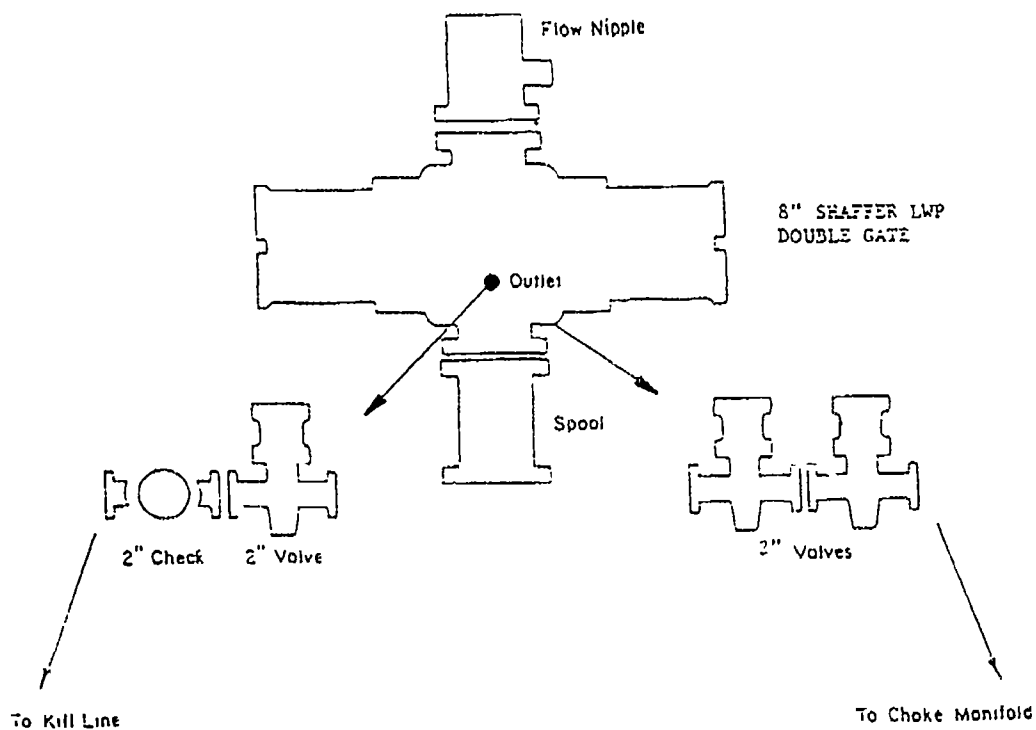
A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

9. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards:

No abnormal temperatures or pressures are anticipated. No  $H_2S$  has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 1,600 psi (calculated at 0.387 psi/ft) and maximum anticipated surface pressure equals approximately 690 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

# CHANDLER DRILLING

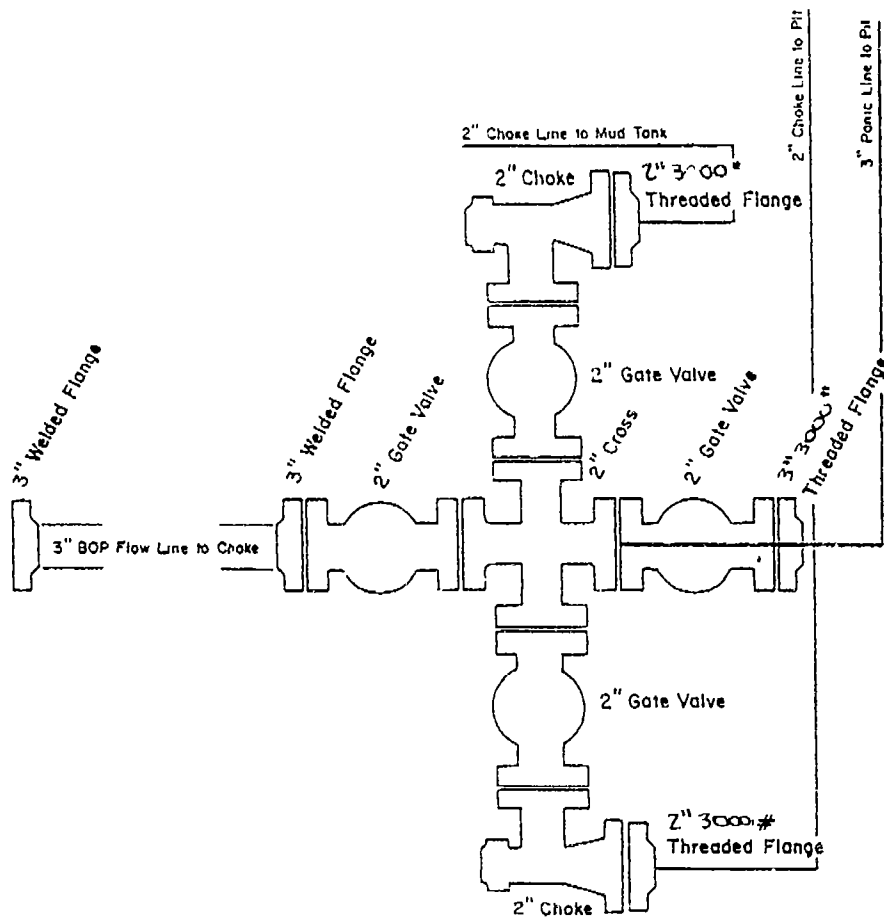
RIG NO.7





# CHANDLEI' DRILLING

RIG NO.7



**II. SURFACE USE PLAN  
CHANDLER & ASSOCIATES, INC.  
EAST COYOTE FEDERAL #11-4-8-25**

**1. Existing Road:**

- A. Topo Map "A" is the vicinity map, showing the access routes from Vernal, Utah.
- B. Topo Map "B" shows the proposed access road to each individual well. It also shows existing roads in the immediate area.
- C. The existing and proposed access road, unless otherwise stated, shall be crowned, ditched, and dipped from the nearest improved road.
- D. Occasional maintenance blading and storm repairs will keep roads in good condition.
- E. There shall be no mud blading on the access road. Vehicles may be towed through the mud provided they stay on the roadway.
- F. Application for off lease road right-of-way is hereby requested for the portion of road which is shown on attached Topo Map "B". (Highlighted)

**2. Planned Access Roads:**

The proposed access road, will be crowned, ditched, and dipped.

- A. Maximum grade will be 8% or less, unless otherwise stated.
- B. No turnouts will be required.
- C. Low water crossings to be placed in Proposed Access road during drilling process and culverts may be installed at a later date.
- D. Road surface material will be that native to the area. (except for bottom of low water crossings where a more appropriate material shall be used).

**Chandler & Associates, Inc.**  
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- E. No cattleguard will be required.
- F. The proposed access road was flagged at the time the location was staked.
- G. The Vernal District Area Manager will be contacted at least 24 hours prior to commencing construction of the access road and well pad.
- H. The backslopes of the proposed access roads will be no steeper than vertical or 1/4:1 in rock; and 2:1, elsewhere.

The operator or his contractor will notify the BLM office in Vernal, Utah (phone #(801)789-1362) at least 48 hours prior to commencement of any work on these locations, roadways, or pipelines.

3. Location of Existing Wells:

See Topo Map "C".

4. Location of Existing and/or Proposed Facilities:

- A. All Petroleum Production Facilities are to be contained within the proposed location sites.
- B. In the event that production of these wells is established, the following will be shown:
  - 1. Proposed location and attendant lines, by flagging, if off well pad.
  - 2. Dimensions of facilities.
  - 3. Construction methods and materials.

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- C. The area used to contain the proposed production facilities will be built using native materials. If these materials are not acceptable, then other arrangements will be made to acquire them from private sources. These facilities will be constructed using bulldozers, graders, and workman crews to construct and place the proposed facilities.
  - D. All permanent facilities placed on the locations shall be painted Desert Tan to blend with the natural environment.
  - E. A dike shall be constructed around the tank battery, of sufficient capacity to adequately contain at least 110 percent of the storage capacity of the largest tank within the dike.
  - F. All buried pipelines shall be covered to a depth of 3 feet except at road crossings where they shall be covered to a depth of 4 feet.
  - G. Construction width of the right-of way/pipeline route shall be restricted to 50 feet of disturbance.
  - H. Pipeline location warning signs shall be installed within 90 days upon completion of construction.
5. Location and Type of Water Supply:

Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from the Vernal City water supply - A-1 Tank Rental permit #53617-43-8496 - (which is approximately 37 miles northwest of the proposed locations). However in coordination with the B.L.M., Fish and Wildlife and or any other regulatory body a closer source will be sought out. If found a sundry notice and permit will be executed stating such source prior to drilling.

No water wells are to be drilled.

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6. Source of Construction Materials:

- A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads from the area. No special access other than for drilling operations and pipeline construction is needed.
- B. All access roads crossing Federal Land are described under item #2 and shown on Map #1.

All Construction material for these location sites and access roads shall be borrow material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, but if it is required, the appropriate actions will be taken to acquire it from private sources.

- C. All surface disturbance area is on BLM lands

7. Methods for Handling Waste Disposal:

- A. Drill cuttings will be buried in the reserve pit when covered.
- B. Drilling fluids will be contained in the reserve pit.
- C. Any hydrocarbon liquids produced while production testing will be contained in a test tank. Any unavoidable spills of oil or other adverse substances or materials will be removed immediately during drilling progress or during completion operations.
- D. Portable chemical toilets will be provided and serviced by a local commercial sanitary service.

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- E. Garbage and trash will be collected in a trash cage and its contents hauled to a sanitary landfill.

All wastes caused by the construction activities shall be promptly removed and disposed of in a sanitary landfill or as directed by the authorized officer.

- F. Prior to commencement of drilling, the reserve pit will be fenced on three sides using three strands of barbed wire. When drilling activities are completed it will be fenced on the fourth side and allowed to dry (if liquids are present). After drying, the fences will be removed and the pit shall be buried. Reclamation will be undertaken no later than the fall of the year after all drilling activity has ceased.

8. Ancillary Facilities:

No air strips, camps, or other living facilities will be built off the location. Housing and office trailers will be on the location as seen on the location layout.

9. Well Site Layout:

- A. See attached cutsheet.
- B. The Vernal District Area Manager will be contacted at least 24 hours prior to commencing construction of the access road and well pad.
- C. The authorized officer will determine after the location is constructed whether the pit is to be lined, and if so, the type of material to be used.
- D. Topsoil shall be stripped to a depth of 4 to 6 inches and stockpiled as shown on the location layout plat.
- E. The backslopes of the locations will be no steeper than vertical or 1/4:1 in rock, and 2:1 elsewhere.
- F. The upper edges of all cut banks on the access roads and well pads will be rounded.

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10. Plans for Restoration:

- A. Immediately upon completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.
- B. Before any dirt work to restore the location takes place, the reserve pit must be completely dry. The reserve pit will be reclaimed within 90 days from the date of well completion.
- C. The Vernal District Area Manager shall be notified at least 48 hours prior to commencing reclamation work.
- D. All disturbed areas will be seeded with the following mixture:

Seed Mixture #2

<u>Species</u>	<u>Lbs. PLS/Acre</u>
Western Wheatgrass (Rosanna)	2
Crested Wheatgrass (Fairway or Hycrest)	3
Fourwing Saltbrush (Wytana/Rincon)	6
Yellow Sweet Clover	1

- E. The seed bed will be prepared by disking, following the natural contour. Drill seed on contour at a depth no greater than 1/2 inch. In areas that cannot be drilled, the seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed is recommended.
- F. Fall seeding will be completed after September, and prior to prolonged ground frost.
- G. If the well is a producer, access roads will be upgraded and maintained as necessary to prevent soil erosion, and accommodate year round traffic. Areas unnecessary to operations will be reshaped, topsoil distributed, and seed distributed according to the above mixtures. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

**Chandler & Associates, Inc.**  
**East Coyote Federal #11-4-8-25**

- H. If the well is abandoned or is a dry hole, the access road and location will be restored to approximate the original contours. During reclamation of the site the fill material will be pushed into cuts and up over the backslope. No depressions will be left that would trap water or form ponds. Topsoil will be distributed evenly over the location and seeded according to the above mixture. The access road and the location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.
- I. Annual or noxious weeds shall be controlled on all disturbed areas as directed by the White River Resource Area Manager. Method of control shall be by an approved mechanical method or an Environmental Protection Agency (EPA) registered herbicide. All herbicide application proposals must be approved by the B.L.M. Application proposals must be approved by the B.L.M. Application of herbicides must be under direct field supervision of an EPA certified pesticide applicator.

11. Other Information:

- A. The area is used by man for the primary purpose of grazing domestic livestock.

All activity shall cease when soils or road surfaces become saturated to a depth of three inches, unless otherwise approved by the Authorized Officer.

If any fossils are discovered during construction, the operator shall cease construction immediately and notify the Authorized Officer so as to determine the significance of the discovery.



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- B. A Class III cultural resource inventory shall be completed prior to disturbance by a qualified professional Archaeologist.
- C. The United States of America considers the development of groundwater resources to be necessary and frequently indispensable to effective land management. Therefore, any groundwater intercepted by the party conducting mineral exploration shall be reported to the District Manager immediately including approximate quantities and a sample in a sealed quart container. The United States shall have the first opportunity to file State water rights for the intercepted groundwater. The undersigned may file for water rights only with a written waiver from the District Manager.
- D. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

whether the materials appear eligible for the National Register of Historic Places; the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and a timeframe for the AO to complete an expedited review under 36 CFR 800-11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

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If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, an operator will then be allowed to resume construction.

- E. Construction & Drilling activities shall cease on or before May 15 and may begin again on June 21 of each calendar year due to Antelope Kidding.

12. Lessee's or Operator's Representative:

Mr. Todd McDonald  
Petroleum Engineer  
Chandler & Associates, Inc.  
555 Seventeenth Street  
Anaconda Tower, Suite 1850  
Denver, Colorado 80202  
Telephone #(303)295-0400

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite(s) and access route(s); that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by **Chandler & Associates, Inc.**, and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

This statement is subject to the provision of 18 U.S.C. 1001 for the filing of a false statement.

3-21-94

Date

  
Todd McDonald

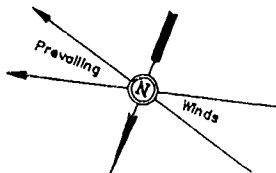
# CHANDLER & ASSOCIATES, INC.

## LOCATION LAYOUT FOR

EAST COYOTE FEDERAL #11-4-8-25

SECTION 4, T8S, R25E, S.L.B.&M.

1980' FSL 1980' FWL



SCALE: 1" = 50'

DATE: 3-14-94

Drawn By: T.D.H.

REVISED: 3-19-94 T.D.H.

F-5.3'  
El. 491.7'

F-5.2'  
El. 491.8'

F-3.0'  
El. 494.0'

Sta. 3+25

FLARE PIT



### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

Pit Capacity With 2' of Freeboard is ± 4,480 Bbls.

F-0.9'  
El. 496.1'

El. 494.3'  
C-5.3'  
(btm. pit)

El. 495.5'  
C-6.5'  
(btm. pit)

Reserve Pit Backfill & Spoils Stockpile

PIPE RACKS

C-0.5'  
El. 497.5'

DOG HOUSE

Approx. Top of Cut Slope

C-3.3'  
El. 500.3'

Sta. 1+50

Sta. 1+08

TOILET

FUEL

STORAGE TANK

Round Corners as Needed

C-11.0'  
El. 508.0'

Sta. 0+00

El. 498.9'  
C-1.9'

El. 499.6'  
C-2.6'

Topsail Stockpile

Elev. Ungraded Ground at Location Stake = 5497.5'

Elev. Graded Ground at Location Stake = 5497.0'

UINTAH ENGINEERING & LAND SURVEYING

86 So. 200 East • Vernal, Utah 84078 • (801) 789-1077

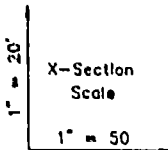
# CHANDLER & ASSOCIATES, INC.

## LOCATION LAYOUT FOR

EAST COYOTE FEDERAL #11-4-8-25

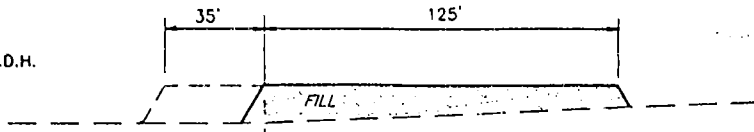
SECTION 4, T8S, R25E, S.L.B.&M.

1980' FSL 1980' FWL

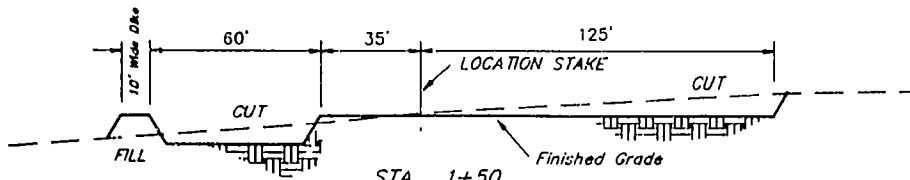


*D. Kay*

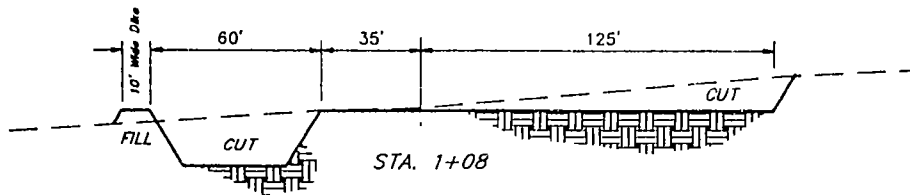
DATE: 3-14-94  
Drawn By: T.D.H.  
REVISED: 3-19-94 T.D.H.



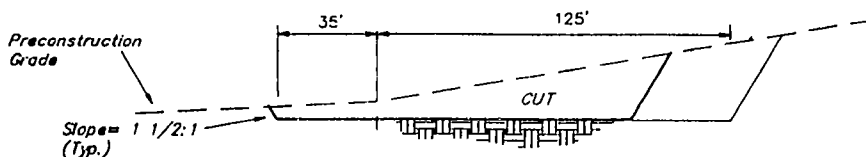
STA. 3+25



STA. 1+50



STA. 1+08



STA. 0+00

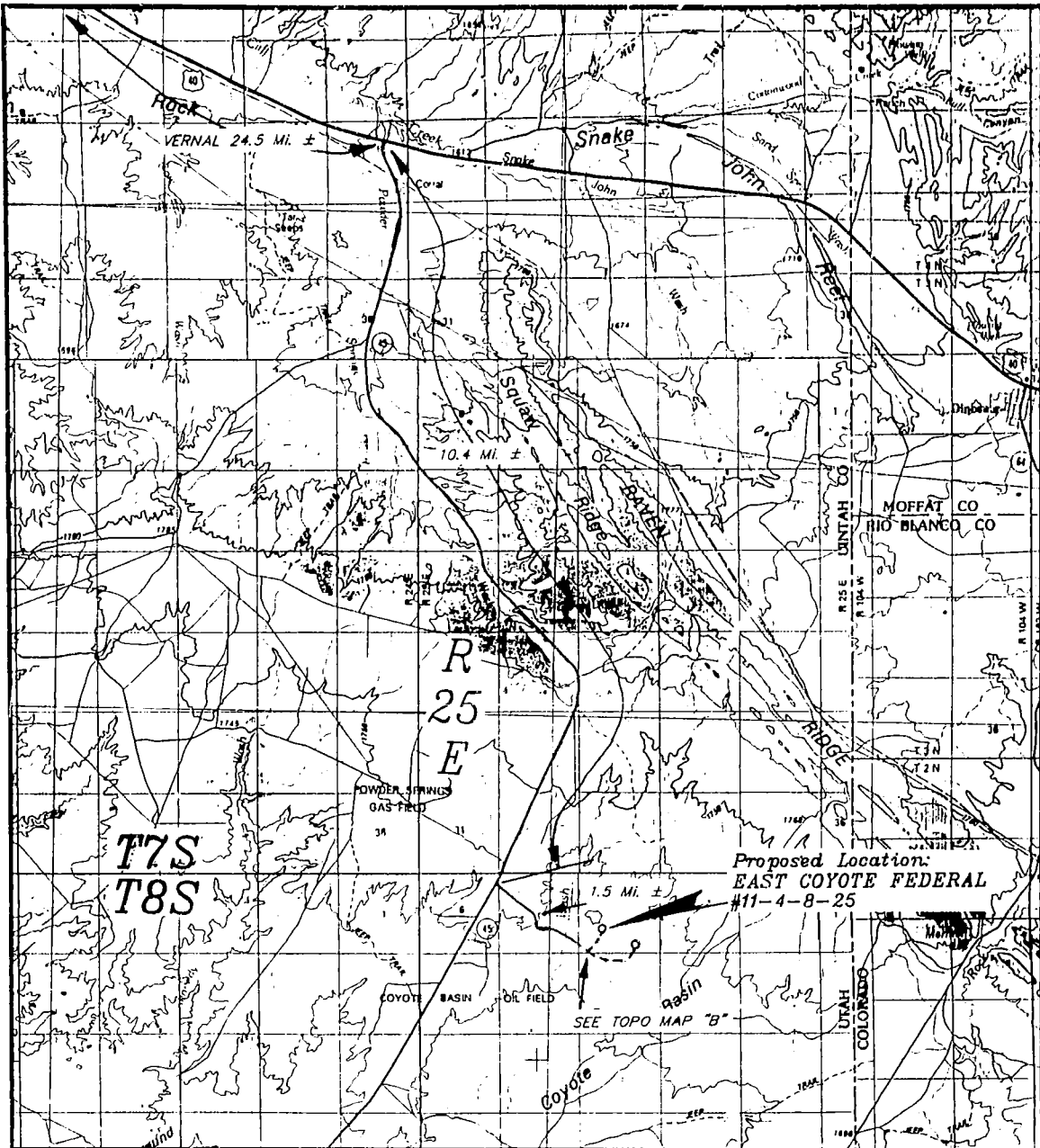
### NOTE:

Topsail should not be Stripped Below Finished Grade on Substructure Area.

### APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,070 Cu. Yds.  
Remaining Location = 4,460 Cu. Yds.  
TOTAL CUT = 5,530 CU.YDS.  
FILL = 2,860 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION = 2,520 Cu. Yds.  
Topsoil & Pit Backfill (1/2 Pit Vol.) = 1,700 Cu. Yds.  
EXCESS UNBALANCE (After Rehabilitation) = 820 Cu. Yds.



TOPOGRAPHIC  
MAP "A"

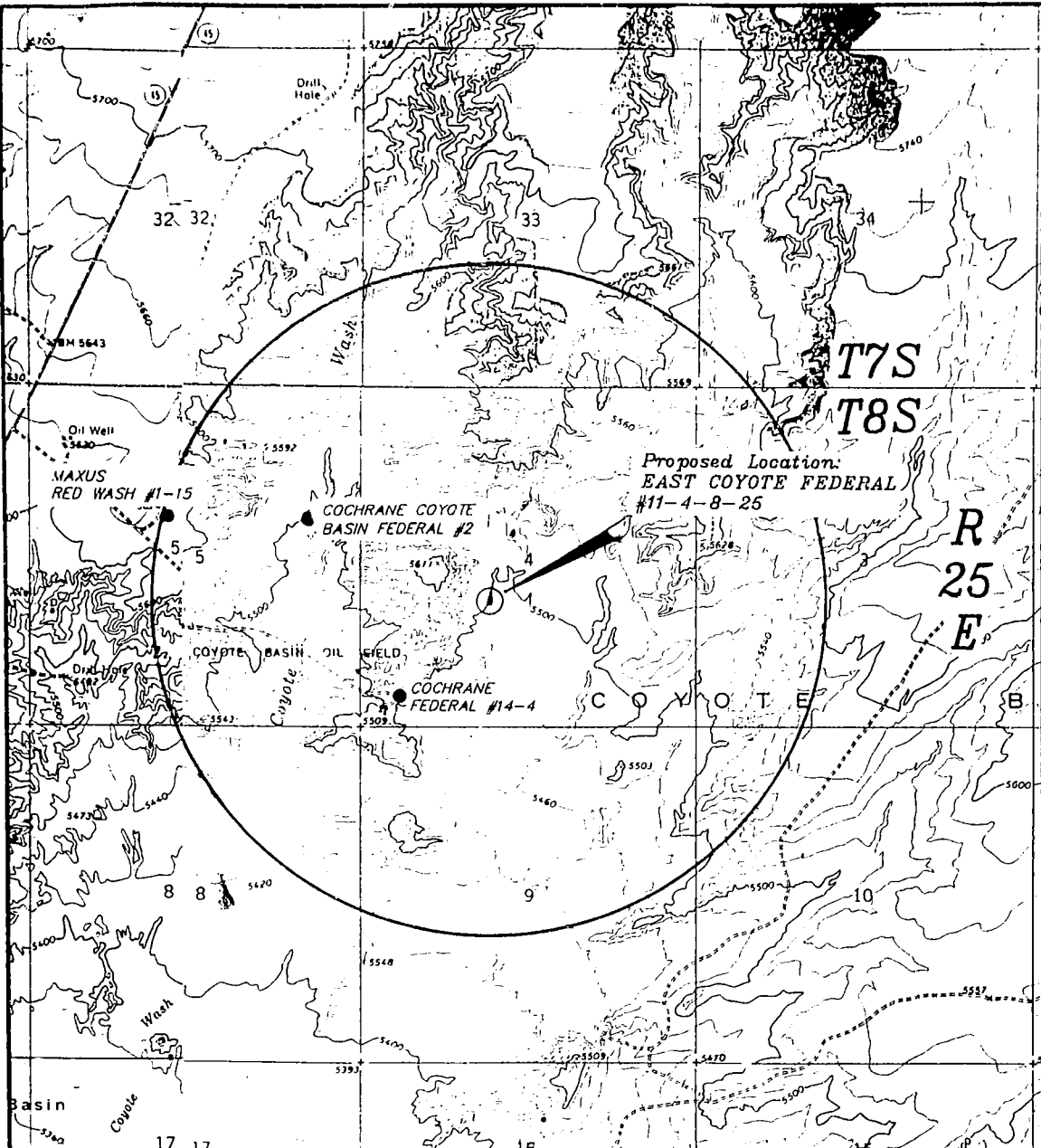
DATE: 3-15-94 C.B.T.



CHANDLER & ASSOCIATES, INC.

EAST COYOTE FEDERAL #11-4-8-25  
SECTION 4, T8S, R25E, S.L.B.&M.  
1980' FSL 1980' FWL





**LEGEND:**

- = Water Wells
- = Abandoned Wells
- ◐ = Temporarily Abandoned Wells
- ⊗ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- ⬮ = Shut-in Wells

**CHANDLER & ASSOCIATES, INC.**

EAST COYOTE FEDERAL #11-4-8-25  
SECTION 4, T8S, R25E, S.L.B.&M.

**TOPO MAP "C"**

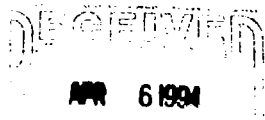
DATE: 3-15-94 C.B.T.

Engineering  
Wellsite Supervision  
Lease Operating

**COCHRANE RESOURCES, INC.**

P.O. Box 1656  
Roosevelt, Utah 84066  
Phone (801) 722-5081

April 4, 1994



Balcron Oil Company  
P.O. Box 21017  
1601 Lewis Avenue Building  
Billings, Montana 59104

Attn: Ron Santi

Re: Spacing order  
Coyote Basin Field

Dear Ron:

The spacing order for the Coyote Basin Field is stand up 80 acres established in 1967 by Board Order Cause No. 129-1. Since that time there have been at least nine exceptions granted to this spacing order including approximately 5 to Bacron before the unit was formed.

Cochrane Resources has formed out acreage in sections 3, 4, 8, and 9, of 8 South 25 East and the Farmee would like to drill a well in the SE - SW Sec 4, 8 S, R 25 E. Because the spacing order designates the well to be in the NE of SW, we are seeking an exception to the spacing order.

The State advises me that before granting an exception to the spacing order they would like to hear from the offset lease holders. Therefore I would like to request a letter from Balcron Oil Co., as unit operator, hopefully supporting this location. As working interest owners in the unit, Cochrane and McDonald have no objections.

Please advise if you have any questions.

Yours truly,

Ken Allen

CC: Ron Firth: State of Utah



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/23/94

API NO. ASSIGNED: 43-047-32492

WELL NAME: EAST COYOTE FED 11-4-8-25  
OPERATOR: CHANDLER & ASSOCIATES INC (N3320)

PROPOSED LOCATION:  
NESW 04 - T08S - R25E  
SURFACE: 1980-FSL-1980-FWL  
BOTTOM: 1980-FSL-1980-FWL  
UINTAH COUNTY  
COYOTE BASIN FIELD (570)

LEASE TYPE: FED  
LEASE NUMBER: U-72109

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering	JAM	4/28/94
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond: Federal ☒ State ☐ Fee ☐  
(Number 2396118)  
N Potash (Y/N)  
H Oil shale (Y/N)  
Y Water permit  
(Number 53617-43-8496)  
N RDCC Review (Y/N)  
(Date: )

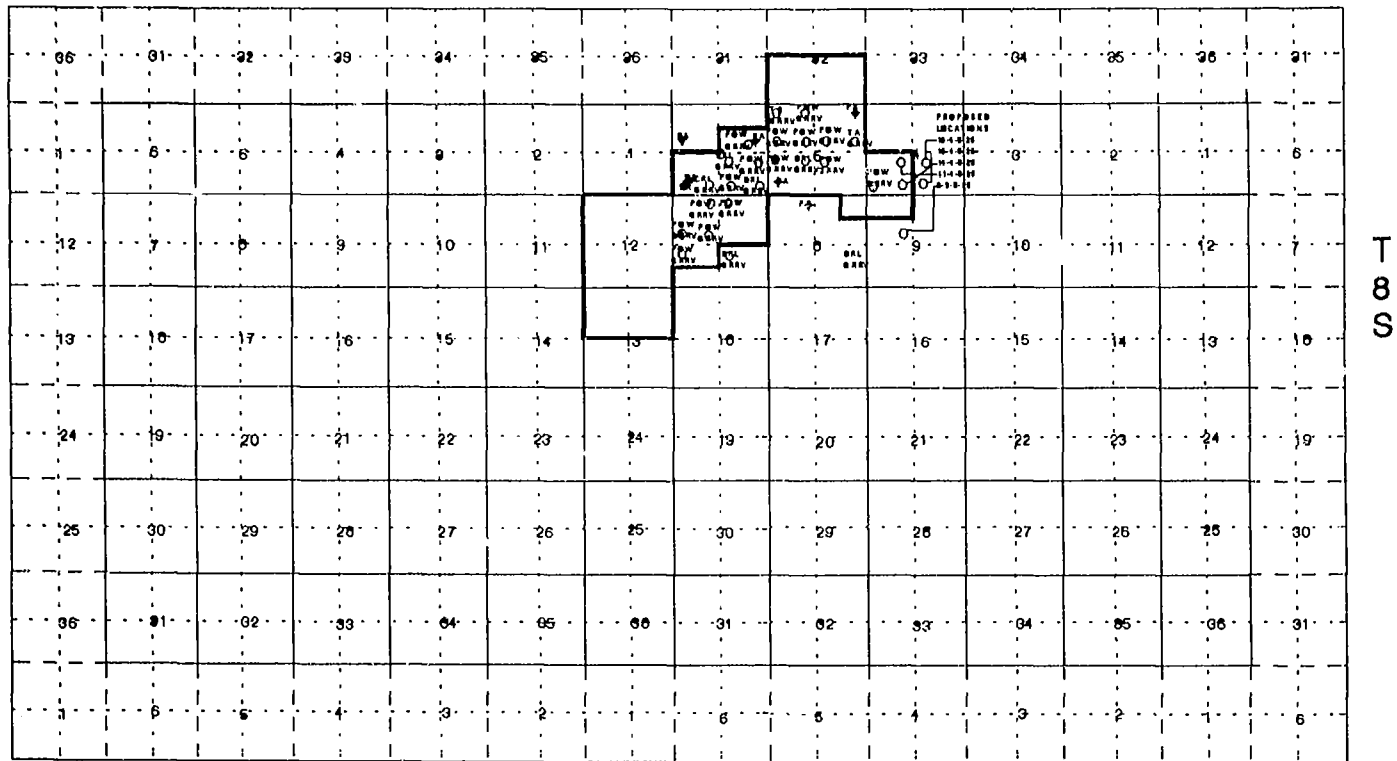
LOCATION AND SITING:

   R649-2-3. Unit:     
✓ R649-3-2. General. R649-3-2-2  
   R649-3-3. Exception.  
✗ Drilling Unit.  
Board Cause no: 129-1  
Date: 9/13/67

COMMENTS: CONFORMS TO CAUSE 129-1

STIPULATIONS: \_\_\_\_\_

## COYOTE BASIN



R 24 E

R 25 E  
GREEN RIVER POOL  
UINTAH COUNTY  
FIELD 570 ACTIVE



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Third Center Suite 350  
Salt Lake City, Utah 84180 1203  
801 538 5340  
801 358 3940 (Fax)  
801 538 5319 (TDD)

April 28, 1994

Chandler & Associates, Inc.  
555 17th Street, Suite 1850  
Denver, Colorado 80202

Re: East Coyote Federal #11-4-8-25 Well, 1980' FSL, 1980' FWL, NE SW, Sec. 4, T. 8  
S., R. 25 E., Uintah County, Utah

Gentlemen:

Pursuant to Utah Admin. R. 649-3-2-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted

In addition, the following specific actions are necessary to fully comply with this approval:

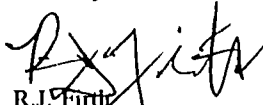
1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules
2. Notification to the Division within 24 hours after drilling operations commence
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.

Page 2  
Chandler & Associates, Inc.  
East Coyote Federal #11-4-8-25 Well  
April 28, 1994

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32492.

Sincerely,



R.J. Firth  
Associate Director

ldc  
Enclosures  
cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office  
WO11



CHANDLER & ASSOCIATES, INC.

475 17TH ST • SUITE 1000 • DENVER COLORADO 80202 • 303 295 0400

A S EARTH AND MINING ENGINEERS

EST. 1971 25.0222

August 18 1995

State of Utah  
Division of Oil Gas and Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

Attn Jim Thomson

RE E Coyote #3-9-8-25 E Coyote #11-4-8-25  
E Coyote #15-4-8-25

Dear Mr Thomson

Chandler and Associates Inc respectively requests that the above referenced APD's retain their present status and that no action is taken against them At this time we are reevaluating our interpretations of the area and do not wish to abandon any locations

Should you have any questions please feel free to contact me at (303) 295-0400

Sincerely

CHANDLER AND ASSOCIATES

Thomas D Taylor  
Production Geologist



RECEIVED

AUG 22 1995

CHANDLER & ASSOCIATES, INC.

475 17TH ST • SUITE 1000 • DENVER COLORADO 80202 • 303 295 0400

OIL & GAS EXPLORATION AND PRODUCTION

FAX 303 295 0222

August 17, 1995

USBLM Vernal District  
170 S 500 E  
Vernal, Utah 84078

Attn Margie Hermann

RE ✓E Coyote #3-9-8-25 ✓E Coyote #7-4-8-25  
✓E Coyote #11-4-8-25 ✓E Coyote #5-9-8-25  
E Coyote #15-4-8-25

Dear Ms Hermann

Chandler and Associates, Inc respectively requests that the above referenced APD's retain their present status and that no action is taken against them At this time we are reevaluating our interpretations of the area and do not wish to abandon any locations

Should you have any questions please feel free to contact me at (303) 295-0400

Sincerely,

CHANDLER AND ASSOCIATES

  
Thomas D Taylor  
Production Geologist

VERNAL DIST
FILED <u>U/D 7/21/95</u>
_____
_____
_____
_____

3162.5  
(UT08581)

SEP 14 1995

Certified Mail  
Return Receipt Requested  
Z 413 579 731

Chandler and Associates, Inc  
Attn: Thomas D. Taylor  
475 17<sup>th</sup> Street, Suite 1000  
Denver, CO 80202

Re Well No. 3-9-8-25  
Well No. 5-9-8-25  
Lease U-65735

Well No. 15-4-8-25  
Well No. 7-4-8-25  
Lease U-65734

Well No. 11-4-8-25  
Lease U-72109  
Uintah, County, Utah

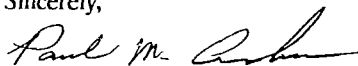
Dear Mr Taylor:

We are in receipt of your letter dated August 17, 1995, requesting that we retain the five referenced APD's in their present status. As you may recall when Chandler started into their proposed drilling program in the spring of 1994, BLM informed Chandler that in order to complete the processing of the referenced wells, an Environmental Assessment (EA) would have to be prepared due to the sensitive nature of the area in which the referenced wells were to be drilled. BLM also informed Chandler that in order for the EA process to be completed in a timely manner, the company could fund a third party contractor since BLM was unable to prepare the EA at the time. Chandler agreed to fund the contractor.

Since the required environmental documentation has not been initiated, BLM feels there is no need to hold the referenced pending APD's in limbo any longer. We will return the referenced APD's unless we hear from you within 30 days from the receipt of this letter, that you are pursuing the schedule for the timely completion of environmental documentation by a third party contractor.

If you have any questions or want to discuss this matter further , please call me at 801-781-4400

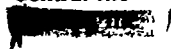
Sincerely,

A handwritten signature in cursive script, appearing to read "Paul M. Andrews".

Paul M. Andrews  
Area Manager  
Book Cliffs Resource Area

BTolman:plp:September 12, 1995

bcc: Central file

A black rectangular redaction mark covering several lines of text.





IN REPLY REFER TO

3162  
UT08438

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone (801) 781 4400  
Fax (801) 781 4410

October 25, 1995

DOG IN LA'd

WTS

Chandler & Associates, Inc  
Attn Thomas D Taylor  
475 17th Street, Suite 1000  
Denver, CO 80202

Re Well No 3-9-8-25  
Well No 5-9-8-25  
Well No 15-4-8-25  
Well No 7-4-8-25  
Well No 11-4-8-25 -43-047-32492  
Uintah County, Utah

Dear Mr Taylor

The Applications for Permit to Drill the above-referenced wells are being returned unapproved as per the letter dated September 14, 1995, from the Book Cliffs Resource Area. If you intend to drill at these locations at a future date, new Applications for Permit to Drill must be submitted.

If you have any questions, please contact me at (801) 781-4492

Sincerely,

Margie Herrmann  
Legal Instruments Examiner

cc State Div OG&M